

AMENDMENT TO THE CLAIMS:

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (currently amended) Process for producing a multilayer flat film comprising ~~providing~~ coextruding a polyamide layer and a layer of another polymer, and connecting the polyamide layer to the layer of another polymer, wherein the polyamide layer is essentially formed from an intrinsically gel-free, randomly branched polyamide at least composed of units derived from:
 - a. AB monomers having both a carboxylic acid group (A) and an amine group (B),
 - b. at least one compound I, being a carboxylic acid (A_v) with functionality $v \geq 2$ or an amine (B_w) with a functionality $w \geq 2$,
 - c. at least one compound II, being a carboxylic acid (A_v) with functionality $v \geq 3$ or an amine (B_w) with functionality $w \geq 3$, with compound II being a carboxylic acid if compound I is an amine or with compound II being an amine if compound I is a carboxylic acid, wherein the quantities of units, derived from all the carboxylic acids and amines in the polyamide, satisfy formula 1

$$P < 1 / [(F_A - 1) \cdot (F_B - 1)] \quad (1)$$

where

$$P = [\sum (n_i \cdot f_i)]^x / [\sum (n_i \cdot f_i)]^y \quad (2)$$

where $P \leq 1$ and either $X=A$ and $Y=B$, or $X=B$ and $Y=A$ and

$$F = \sum (n_i \cdot f_i^2) / \sum (n_i \cdot f_i) \quad (3)$$

for, respectively, all carboxylic acids (F_A) and amines (F_B) wherein f_i is the functionality of a carboxylic acid (v_i) or amine (w_i), n_i is the number of

moles of a carboxylic acid or amine and the summation is conducted for all units derived from carboxylic acids and amines in the polyamide, and wherein

the step of coextruding the polyamide layer and a layer of another polymer is practiced at a production rate that is greater than a production rate of a comparable multilayer film having non-branched polyamide as the polyamide layer.

2. (previously presented) Process according to claim 1, wherein the other polymer is polyethylene.
3. (previously presented) Process according to claim 2, wherein the polyethylene is a non-linear polyethylene.
4. (previously presented) Process according to claim 1, wherein the polyamide layer and the layer of the other polymer are adjacent to each other.
5. (currently amended) Multilayer flat film comprising a coextruded ~~containing a~~ polyamide layer and a layer of another polymer, wherein the polyamide layer is essentially formed from an intrinsically gel-free, randomly branched polyamide at least composed of units derived from:
 - a. AB monomers having both a carboxylic acid group (A) and an amine group (B),
 - b. at least one compound I, being a carboxylic acid (A_v) with functionality $v \geq 2$ or an amine (B_w) with a functionality $w \geq 2$,
 - c. at least one compound II, being a carboxylic acid (A_v) with functionality $v \geq 3$ or an amine (B_w) with functionality $w \geq 3$, with compound II being a carboxylic acid if compound I is an amine or with compound II being an amine if compound I is a carboxylic acid, wherein the quantities of units, derived from all the carboxylic acids and amines in the polyamide, satisfy formula 1

$$P < 1 / [(F_A-1) \cdot (F_B-1)] \quad (1)$$

where

$$P = [\sum (n_i \cdot f_i)]_x / [\sum (n_i \cdot f_i)]_y \quad (2)$$

where $P \leq 1$ and either $X=A$ and $Y=B$, or $X=B$ and $Y=A$ and

$$F = \sum (n_i \cdot f_i^2) / \sum (n_i \cdot f_i) \quad (3)$$

for, respectively, all carboxylic acids (F_A) and amines (F_B) wherein f_i is the functionality of a carboxylic acid (v_i) or amine (w_i), n_i is the number of moles of a carboxylic acid or amine and the summation is conducted for all units derived from carboxylic acids and amines in the polyamide.

6. (new) Process according to claim 1, wherein the step of coextruding the polyamide layer and a layer of another polymer is practiced at a production rate that is 2 to 4 times greater than the production rate of a comparable multilayer film having non-branched polyamide as the polyamide layer.